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NEW EQUIPMENT MECHANIZES BUILDING OPERATIONS

AUTOMATIC BRICKLAYER MOVES ON RAILS -- Sovetskaya Kirgiziya, No 19, 27 Jan 50

The Minsk Machine-Molding Plant has produced the first series of new brick-laying combines for the construction industry. Moving parallel to the walls on rails, the machines automatically apply mortar and deposit the bricks. The workers follow on a moving platform and finish the process.

NEW CRANE WILL COST LESS TO PRODUCE -- Leningradskaya Pravda, No 27, 1 Feb 50

Tests on the model of a new truck crane made by the Machinery Plant of the Ministry of the Petroleum Industry showed it to be cheaper to run and easier to operate than those now in production. Substantial savings will be realized by the plant when it converts to production of the new crane.

By 12 March the plant will begin production of a new horizontal drilling machine, to be used in laying gas- and oil-pipe lines.

CRANES BUSY IN CAPITAL -- Mekhanizatsiya Stroitel'stva, No 12, Dec 49

High buildings in Moscow are being constructed with the aid of 14 recently built cranes, all equipped to raise themselves from story to story by means of a sliding support frame.

Specifications are as follows:

Working Radius
(meters)

<u>Crane</u>	<u>Capacity</u>	<u>Wt(tons)</u>	<u>Max</u>	<u>Min</u>	<u>No in Use</u>
UBK-3-49	3	36	22	1.7	3
UBK-5-1	5	48.5	27.5	2.2	10
UBK-15-49	15	90	22	4.5	1

- 1 -

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MOSCOW TO GET HIGH-SPEED ELEVATORS -- Vechernyaya Moskva, No 47, 24 Feb 50

High buildings now under construction in Moscow will be furnished with high-speed elevators, models of which are now being produced and tested at the Pod'yemnik Plant. The elevators will have a capacity of over 20 passengers, and will be five or six times as fast as existing elevators, being able to attain the rate of $3\frac{1}{2}$ meters per second.

The buzzer system is designed so that any push button will summon the car nearest it. Both shaft and car doors will open and close automatically, and the elevator will operate noiselessly.

The new elevators will be installed in the buildings in groups of six or eight.

NEW MACHINES TO SAVE LABOR -- Izvestiya, No 77, 31 Mar 50

The Cherenkhovo Plant imeni Karl Marx has started production of new machines for digging foundation ditches for buildings. One of these machines will do the work of 50 men.

NEW EXCAVATOR LIGHT BUT PRODUCTIVE -- Sovetskaya Moldaviya, No 61, 24 Mar 50

A group of engineers at the Dmitrov Excavator Plant have been awarded the Stalin Prize for their work in designing and producing a new multiple-bucket excavator. It is comparatively light, but also highly productive. It can move 135 cubic meters of earth in one hour.

BIG EXCAVATOR HAS HIGH PRODUCTIVITY -- Ogonek, No 13, 26 Mar 50

One of the most remarkable products of the Novo-Kramatorsk Plant imeni Stalin is a heavy, 15-cubic-meter capacity excavator. It can dig enough earth in an hour to fill 50 railroad cars.

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- 2 -

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